

# Todd J Suscovich

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,346  
citations

236833

25  
h-index

434063

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

6586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond binding: antibody effector functions in infectious diseases. <i>Nature Reviews Immunology</i> , 2018, 18, 46-61.	10.6	516
2	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , 2016, 167, 433-443.e14.	13.5	461
3	Polyfunctional Fc-Effector Profiles Mediated by IgG Subclass Selection Distinguish RV144 and VAX003 Vaccines. <i>Science Translational Medicine</i> , 2014, 6, 228ra38.	5.8	367
4	Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. <i>Immunity</i> , 2020, 53, 524-532.e4.	6.6	334
5	Dissecting Polyclonal Vaccine-Induced Humoral Immunity against HIV Using Systems Serology. <i>Cell</i> , 2015, 163, 988-998.	13.5	326
6	Immunogenicity of COVID-19 mRNA Vaccines in Pregnant and Lactating Women. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2370.	3.8	307
7	Polyfunctional HIV-Specific Antibody Responses Are Associated with Spontaneous HIV Control. <i>PLoS Pathogens</i> , 2016, 12, e1005315.	2.1	220
8	IFN- $\gamma$ -independent immune markers of Mycobacterium tuberculosis exposure. <i>Nature Medicine</i> , 2019, 25, 977-987.	15.2	186
9	A Role for Fc Function in Therapeutic Monoclonal Antibody-Mediated Protection against Ebola Virus. <i>Cell Host and Microbe</i> , 2018, 24, 221-233.e5.	5.1	182
10	Fc Glycan-Mediated Regulation of Placental Antibody Transfer. <i>Cell</i> , 2019, 178, 202-215.e14.	13.5	157
11	A high-throughput, bead-based, antigen-specific assay to assess the ability of antibodies to induce complement activation. <i>Journal of Immunological Methods</i> , 2019, 473, 112630.	0.6	149
12	Route of immunization defines multiple mechanisms of vaccine-mediated protection against SIV. <i>Nature Medicine</i> , 2018, 24, 1590-1598.	15.2	129
13	A versatile high-throughput assay to characterize antibody-mediated neutrophil phagocytosis. <i>Journal of Immunological Methods</i> , 2019, 471, 46-56.	0.6	124
14	Antigen-Specific Antibody Glycosylation Is Regulated via Vaccination. <i>PLoS Pathogens</i> , 2016, 12, e1005456.	2.1	124
15	Mapping functional humoral correlates of protection against malaria challenge following RTS,S/AS01 vaccination. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	100
16	mRNA-1273 and BNT162b2 COVID-19 vaccines elicit antibodies with differences in Fc-mediated effector functions. <i>Science Translational Medicine</i> , 2022, 14, eabm2311.	5.8	100
17	A method for high-throughput, sensitive analysis of IgG Fc and Fab glycosylation by capillary electrophoresis. <i>Journal of Immunological Methods</i> , 2015, 417, 34-44.	0.6	95
18	Lack of Protection following Passive Transfer of Polyclonal Highly Functional Low-Dose Non-Neutralizing Antibodies. <i>PLoS ONE</i> , 2014, 9, e97229.	1.1	59

#	ARTICLE	IF	CITATIONS
19	Machine Learning Methods Enable Predictive Modeling of Antibody Feature:Function Relationships in RV144 Vaccinees. <i>PLoS Computational Biology</i> , 2015, 11, e1004185.	1.5	50
20	Selective induction of antibody effector functional responses using MF59-adjuvanted vaccination. <i>Journal of Clinical Investigation</i> , 2019, 130, 662-672.	3.9	50
21	Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics. <i>Nature Biomedical Engineering</i> , 2020, 4, 1030-1043.	11.6	46
22	High-resolution definition of humoral immune response correlates of effective immunity against HIV. <i>Molecular Systems Biology</i> , 2018, 14, e7881.	3.2	37
23	Virus-driven Inflammation Is Associated With the Development of bNAbs in Spontaneous Controllers of HIV. <i>Clinical Infectious Diseases</i> , 2017, 64, 1098-1104.	2.9	36
24	Temporal variation in HIV-specific IgG subclass antibodies during acute infection differentiates spontaneous controllers from chronic progressors. <i>Aids</i> , 2018, 32, 443-450.	1.0	35
25	Survivors of Ebola Virus Disease Develop Polyfunctional Antibody Responses. <i>Journal of Infectious Diseases</i> , 2020, 221, 156-161.	1.9	35
26	A Fc engineering approach to define functional humoral correlates of immunity against Ebola virus. <i>Immunity</i> , 2021, 54, 815-828.e5.	6.6	34
27	Exploiting glycan topography for computational design of Env glycoprotein antigenicity. <i>PLoS Computational Biology</i> , 2018, 14, e1006093.	1.5	19
28	Mining for humoral correlates of HIV control and latent reservoir size. <i>PLoS Pathogens</i> , 2020, 16, e1008868.	2.1	19
29	HIV Antibody Fc N-Linked Glycosylation Is Associated with Viral Rebound. <i>Cell Reports</i> , 2020, 33, 108502.	2.9	19
30	Delayed fractional dosing with RTS,S/AS01 improves humoral immunity to malaria via a balance of polyfunctional NANP6- and Pf16-specific antibodies. <i>Med</i> , 2021, 2, 1269-1286.e9.	2.2	17